

Title (en)
Three-dimensional measuring machine for simultaneous measurements

Title (de)
Dreidimensionale Maschine für simultane Messungen

Title (fr)
Machine tridimensionnelle à mesures simultanées

Publication
EP 1596156 B1 20071114 (FR)

Application
EP 05104003 A 20050512

Priority
FR 0405141 A 20040512

Abstract (en)
[origin: EP1596156A1] The method involves taking out N linear measurement of displacement effectuated respectively on N points on a standard part and a part to be measured. Three dimensional coordinates of the N points of the part to be measured is calculated from three dimensional coordinates of N points of the standard part, the linear measurement and direction cosine of N theoretical normals in the N points. An independent claim is also included for a three dimensional measuring machine.

IPC 8 full level
G01B 7/00 (2006.01); **G01B 7/287** (2006.01); **G01B 7/28** (2006.01); **G01B 21/20** (2006.01)

CPC (source: EP US)
G01B 7/285 (2013.01 - EP US); **G01B 7/287** (2013.01 - EP US)

Cited by
CN113748310A; CN103017701A; CN103017702A; US7117115B2; CN103292760A; CN102967251A; CN116026265A; WO2013030475A1

Designated contracting state (EPC)
DE ES FR GB IT

DOCDB simple family (publication)
EP 1596156 A1 20051116; EP 1596156 B1 20071114; DE 602005003260 D1 20071227; DE 602005003260 T2 20080918; ES 2297617 T3 20080501; FR 2870335 A1 20051118; FR 2870335 B1 20060728; JP 2005326408 A 20051124; JP 4868769 B2 20120201; RU 2005114232 A 20061120; RU 2369833 C2 20091010; TW 200602617 A 20060116; TW I354768 B 20111221; US 2005256674 A1 20051117; US 7117115 B2 20061003

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